ODP 100PPS TM



The information, specifications, and illustrations in this manual are on the basis of information available at the time it was written. The specifications, torque values, pressures of operation, measurements, adjustments, illustrations, and other items can change at any time. These changes can affect the service of the given product. For the complete and most current information, contact:

Hogg & Davis, Inc P.O. Box 405 / 3800 Eagle Loop Odell, OR 97044-0405 541-354-1001 541-354-1080 Fax

For most recent manual version please visit:

www.hoggdavis.com

Table of Contents

Table of Contents	2
Product Warnings	3
General Specifications	4
Puller - Main Unit Curb Side	5
Puller - Main Unit - Street Side	7
Control Panel	8
Joystick Functions	9
Drive Engagement	11
Setup on the Job	12
Setup of the unit	12
Position of unit	
Tie Down/ Brake/ Chock	12
Rope Payout Procedure (Free Wheel)	13
Pulling Computer	
Operation	14
Setup Screen	14
Set Pull	15
Pull Screen - MAIN	15
Hours Screen	17
System Screen	18
Joystick	19
Engine	20
Pulling Control	21
System Brakes	21
Level wind	21
LUBRICATION AND MAINTENANCE	21
Set Screws	22
15-15 Warranty	23
Parts and other manufacturer manuals	- 24





Product Warnings











These warning labels and others like it are placed in critical areas of the machine. The warnings are to be read and fully understood prior to operation of the unit.





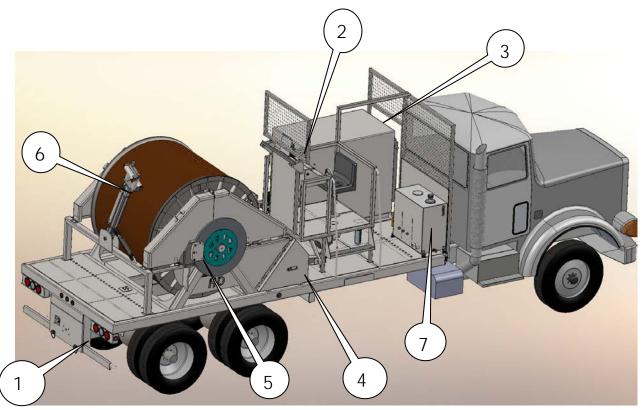
General Specifications

This unit is designed to install / tension overhead cable/conductor.

- Single Reel Puller
- Pulling Computer
- Constant Line Pull System
- 10,000 lbs Maximum Line Pull
- 185 hp John Deere Tier III Diesel
- 20,000' of 1" synthetic rope capacity
- Post Style Level wind
- Dual Drive System
- Fuel Capacity 60 Gallons
- Hydraulic Oil Capacity 59 Gallons







Operating Instructions

All persons operating this machine must read and understand this manual as well as the operating, danger, and warning decals placed on the machine. Failure to read and understand these items subjects the operator and others to **DEATH or SERIOUS INJURY**.

Operators shall make themselves familiar with the placement of the following operating and safety features of the machine.

Puller - Main Unit Curb Side

1. Grounding Lugs. There are two lugs welded to rear of the truck chassis. *They are to be used for grounding only*.



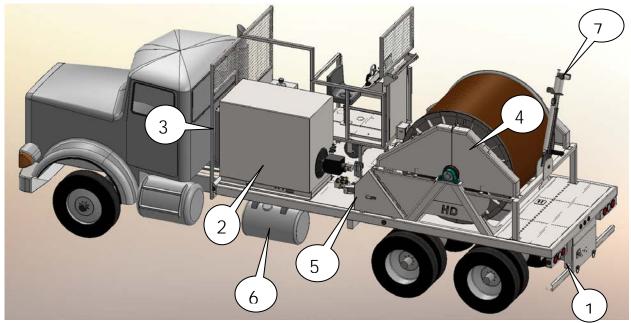


- 2. Operators Station
- 3. Hydraulic Oil Cooler. This unit transfers the heat from the hydraulic oil during use. It is to be kept clean and clear of dust and debris. Failure to do so may increase hydraulic system operating temperature and may also damage the components in the system.
- 4. Drive Dog Clutches. There is a unit located on both sides. These are the primary drives for the pulling operation. DO NOT OPERATE THE UNIT WITHOUT BOTH DRIVES ENGAGED. It may be necessary for the operator to rotate the reel to allow for the drive dogs to be engaged
- 5. Brake Rotor and Caliper. This brake system is for use during the free wheel payout of the installation rope. During the free wheel operation of the unit, this rotor will become extremely hot. <u>DO NOT OPERATE THE PULLING FUNCTION OF THIS UNIT</u> <u>WHILE THE BRAKE SYSTEM IS APPLIED.</u>
- **6.** Level wind. This unit is controlled by a momentary switch on the operator's console. It is independently operated.
- 7. Hydraulic Tank. ISO 46 or equivalent. 62 gallons





Puller - Main Unit - Street Side

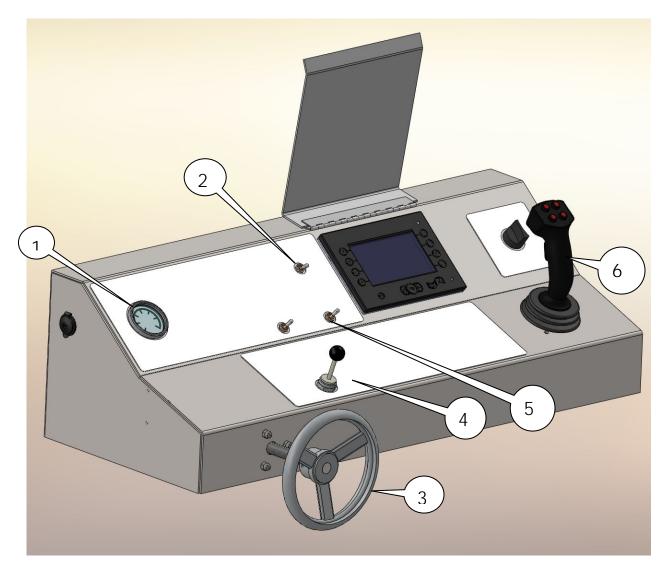


- 1. Grounding Lug
- 2. Engine Access
- 3. Oil cooler and radiator
- 4. Chain Guards. Located on both sides of large secondary sprocket. DO NOT OPERATE PULLER WHILE THESE ARE NOT ON THE UNIT.
- 5. Drive Dog Clutches. There is a unit located on both sides. These are the primary drives for the pulling operation. **DO NOT** OPERATE THE UNIT WITHOUT BOTH DRIVES ENGAGED.
- 6. Fuel Tank
- 7. Level Wind





Control Panel



- Over spin Brake Pressure. This gauge displays the pressure at which the Over spin Brake is operating. <u>DO NOT EXCEED 600</u> <u>PSI.</u>
- 2. Sensor Heat. In cold conditions, it may be necessary to heat the pulling sensor for a few minutes prior to operation



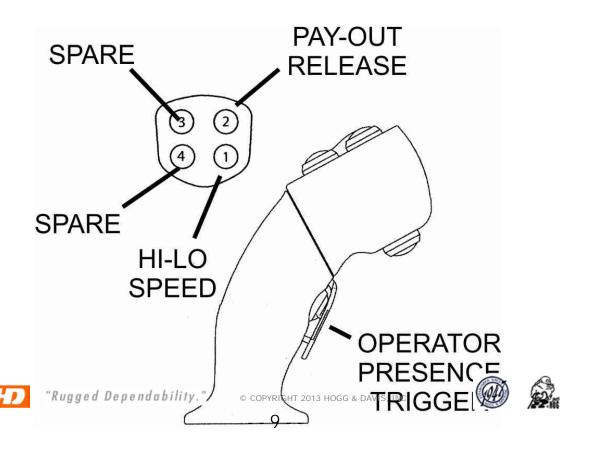




- 3. Over spin Brake. This controls the over spin brake and at what pressure you apply. Clockwise to apply and counter clockwise to release. <u>DO NOT OPERATE PULLER WITH BRAKE APPLIED</u>. Damage to the brake caliper and rotor may occur as well as providing false pressure readings.
- 4. Level wind control.
- 5. Drive dog ENGAGE / DISENGAGE SWITCHES **DO NOT OPERATE**<u>UNIT WITHOUT BOTH DRIVES ENGAGED OR DISENGAGED AT THE</u>

 SAME TIME
- 6. Joystick. This joystick is a friction style control. It has a positive stop but releasing control will <u>NOT</u> return control to neutral. In order to stop pull, operator must return joystick to neutral.

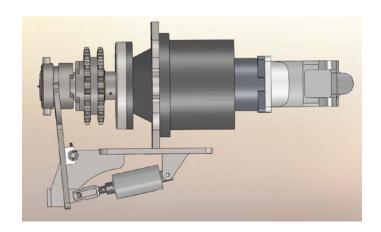
Joystick Functions



- Pay Out Release. This button must be pressed while attempting to pay out under power. By pressing the Operator Presence Trigger while pressing the Pay Out Release, moving the Joystick towards the Pay Out position will allow the reel to pay out under power. Once the reel begins to pay out, these buttons may be released. The Pay Out Lockout will automatically reset when the Joystick is returned to neutral.
- Hi-Lo Speed. Pressing this button during take up or payout will manually shift the pull speed. Although the computer is still in control of the maximum line speed and line pull and it will not be exceeded.
- Operator Presence Trigger. This but be pressed during the beginning of all Joystick functions. Once the unit is working, it may be released. The trigger will reset when the Joystick is returned to neutral.

Warning: These functions are present to protect the operator and the crews on the ground. If any of these are not functioning properly, contact vendor immediately. These are not to be circumvented in any way. Creating shortcuts to control machines of this nature can cause <u>SERIOUS INJURY or DEATH</u> to those operating this machine and those that are working with it.





Disengaged

Drive Engagement

Above is a top view of the drive dog couplers in their engaged and disengaged state. Please be sure all clutch pins are installed when engaged and disengaged, or damage may occur.





Setup on the Job

Setup of the unit

Hogg & Davis, Inc. recommends following the methods described in the following publications:

IEEE Std 524-1992
IEEE Guide to the Installation of Overhead Tra

IEEE Guide to the Installation of Overhead Transmission Line Conductors

IEEE Std 542a-1993
IEEE Guide to Grounding During the Installation of Overhead
Transmission Line Conductors

Position of unit

Position the unit with the centerline of the trailer in line with the pull. Place the unit at a minimum of two times the height of the first block. Positioning the unit this way decreases the stress on the level wind system.

Tie Down/ Brake/ Chock

Chock all wheels and set brakes (if applicable). It should be noted that the fully loaded puller weight may exceed the tension desired during the pull. As the pull progresses, the weight of the puller may increase or decrease, therefore proper securing procedures should be followed during operation.





Rope Payout Procedure (Free Wheel)

When beginning the rope payout feature, be sure that the engine is turned off. Ensure that all tension is removed from the pulling rope before attempting to release drive dogs.

Adjust reel brake to provide tension to the reel of rope. Disengage the drive dog(s) from the sprocket drive(s). Begin to pull rope through the blocks while continuing to adjust the over spin brake. When the rope install is completed, engage the sprocket drive(s).

***These instructions assume that the operator has set the proper drive dog(s) for the reel to be pulled in.

Pulling Computer

This unit is equipped with a computer control that allows the operator to preset the Maximum Line Pull as well as the Maximum Line Speed. During the pull, no matter the length of cable in the air, the computer calculates the drum diameter and adjusts the hydraulic system to provide a constant pulling control. Throughout the pull, the Line Pull and the Line Speed will be maintained at a constant set by the operator. This type of system allows for greater control of the overall pull, as well as eliminating the "estimation process" and constant adjustment of hydraulic system to maintain the maximum preset.

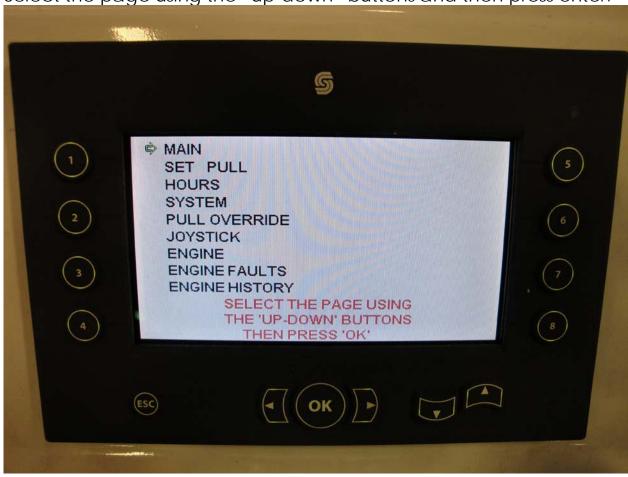




Operation

Setup Screen.

Select the page using the "up-down" buttons and then press enter.





Set Pull

There can be up to four preset "Pulls" in the computer at one time. They are labeled, Pull 1-4 and utilize the corresponding buttons on the left hand side of the pulling computer control.

Select the pull you wish to modify and increase the Maximum Pull by using the "up-down" buttons. When the desired Line Pull Max is set, press enter.

The computer can also control the line speed for that set pull. The buttons on the right side of the pulling computer 5-8 correspond with the pulls set 1-4. Pressing the 5-8 buttons will allow the operator to set the maximum Line Speed for the pull. FPM and MPH are both displayed. They are set relevant to the other. Example 352 FPM = 4.0 MPH.

When the Maximum Line Pull and Line Speed are set, press the ESC key and return to Pull Screen.

Pull Screen - MAIN

The pull screen displays the most needed displays for the pull.

- Pull This displays the Current Line Pull in lbs. NOT THE MAXIMUM
- Fuel Fuel Level in the Puller tank.
- Drum Diameter Current diameter of the drum.
- FPM Current FPM
- MPH Current MPH
- Engine Gauges This display's the engine temp, oil pressure,
 RPM PCT of Load and battery voltage.
- Throttle The engine throttle is increased or decreased by using the Left-Right buttons on each side of the OK button.





- Menu Returns to the Main Menu Screen.
- Pull and Speed Below the Menu label on the screen, the PRESET Maximum Line Pull and Speed are displayed.
- Select Pull This button brings up the Select Pull Screen.
- Camera If the unit is equipped, this will allow for remote viewing.

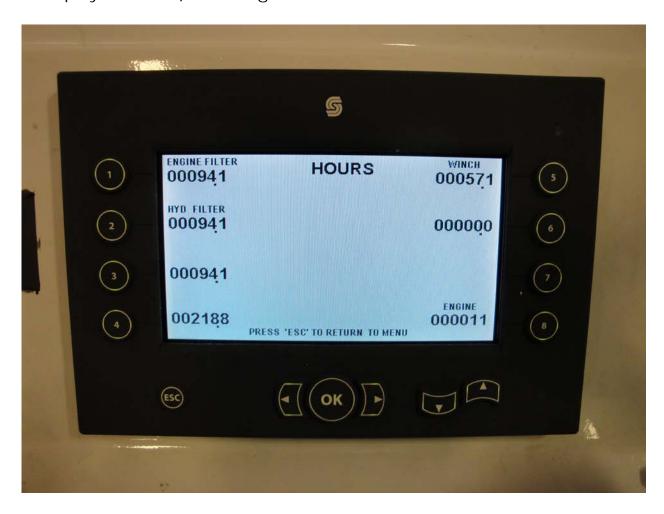






Hours Screen

This screen displays the current hours on the engine oil filters, hydraulic oil filters, the time the winch has been activated (pay in and pay out time) and engine hours.





- - 17 - -

System Screen

This screen displays the current System Pressure, Charge Pressure, Motor RPM, and the Drum Diameter. This screen is primarily used for troubleshooting.





Joystick

This screen gives a graphic display of the Joystick and its functions.







Engine

This screen displays all current information regarding the engine on the puller.



***These instructions assume that the operator has set the proper drive dog(s) for the reel to be pulled in.







Pulling Control

The Following instructions explain how to properly set up the unit.

- 1. Release the hydraulic over spin brake.
- 2. Set Job Pull Settings on the Pull Computer.
- 3. Return computer to Main Screen.
- 4. Increase Throttle to 1500 RPM or desired setting.
- 5. Squeeze trigger and move Joystick to take up.
- 6. Adjust line speed with joystick.
- 7. Return joystick to neutral to stop pull and set holding brake.

System Brakes

The internal braking system is spring applied / hydraulic release on the drive motors. When the joystick is in neutral, the brakes are automatically applied

Level wind

This unit is equipped with manual post style level wind. Operator must control during pull as needed for even take up of rope on reel.

LUBRICATION AND MAINTENANCE

This unit has no set PM schedule beyond that of the engine manufacturers suggested maintenance schedule. This unit should be visually inspected prior to each use while repairing any and all discrepancies prior to use.







Items to be inspected prior to use are:

- Drive Chains and sprockets for wear and slack
- All welds and seams
- Loose or missing fasteners (bolts, nuts, set screws)
- Loose or leaking hydraulic hoses
- Damaged or worn hydraulic hoses
- Brake calipers (loose fittings, hoses, worn linings)
- Brake Pads (over spin brake)
- Brake rotors
- Tires and brakes
- Engine and hydraulic system fluid levels.
- Set screws (see set screw section)

Lubrication Schedule

- Drive chain and sprockets (daily)
- Reel Shaft Bearings (as needed)
- Reel Bearings (as needed)
- Engine oil as per manufacturers recommendation
- Axle Bearings (as needed)
- Level wind grease fittings (as needed)

Set Screws

Due to the rugged nature of this machine. All set screws on the shafts, reels and bearings have a thread locker and may be double set screwed. Please do not assume that screws are tight when performing maintenance. When checking or tightening these set screws, remove the first and then tighten the first.





15-15 Warranty

Hogg and Davis, Inc. warrants its trailers against defects in material or workmanship for period of 15 months from the date of shipment from Hogg and Davis, Inc. (see General Conditions & Exceptions). Hogg and Davis, Inc. will replace, free of charge, F.O.B. Hogg and Davis, Inc. factory, such parts or parts thereof, that in their judgement have proven defective. Additionally, Hogg and Davis, Inc. will pay reasonable and customary labor charges when defective part is replaced, installed or repaired by a fully authorized Hogg and Davis, Inc. trailer dealer at his facility.

Warranty credit will be issued only upon receipt and inspection of defective parts of at the Hogg and Davis, Inc. factory. Hogg and Davis, Inc. warrants it's trailer main frame assemblies (except pintle eyes or other towing attachments, spindles and axles) against defects in material or workmanship for a period of 15 years from the date of shipment from Hogg and Davis, Inc. (see General Conditions & Exceptions). Hogg and Davis, Inc. shall replace or repair, in a manner as it shall determine, free of charge, F.O.B. factory, any parts or parts thereof, that in its judgement have proven defective. Additionally, Hogg and Davis, Inc. will pay reasonable and customary labor charges when defective part is replaces, installed or repaired by a fully authorized Hogg and Davis, Inc. trailer dealer at his facility

General Conditions & Exceptions

All warranties, options and representations made herein shall apply only provide such equipment shall not have been subject to misuse, negligence or accident and has been operated in accordance with factory approved procedures. This warranty does not obligate Hogg and Davis, Inc. or its authorized dealers to bear the cost of parts obtained from or labor performed by unauthorized sources. Nor does it obligate Hogg and Davis, Inc. or its authorized dealers to bear the cost of transportation of parts or equipment for repair or replacement purposes. This warranty is in lieu of any other warranty, expressed or implied, or any other obligation or liability on the part of Hogg and Davis, Inc and no persons or entity is authorized to make any representation beyond those stated herein.

Hogg and Davis, Inc. shall not be held liable for consequential damage of any kind. Hogg and Davis, Inc. also reserves the right to make changes and improvements in its products without incurring any obligation to install any such changes or improvements upon its products previously manufactured.

The above warranty shall not be misconstrued to mean warranty of tires, clutch, transmission assemblies or customer requested accessory equipment other than the warranty extended by their respective manufactures to Hogg and Davis, Inc. In addition, friction, drive rollers are warranted only to extent of bonding failure. All warranties, options and representations made herein are applicable to the original end-user of the product and are not sellable or transferable in any manner.





Parts and other manufacturer manuals

The Following drawings are for part identification only. Please reference the unit V.I.N. number and the corresponding part number when ordering.

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For the complete and most current information, contact:

Hogg & Davis, Inc P.O. Box 405 / 3800 Eagle Loop Odell, OR 97044-0405 541-354-1001 541-354-1080 Fax www.hoggdavis.com

NOTES:







Parts Manual





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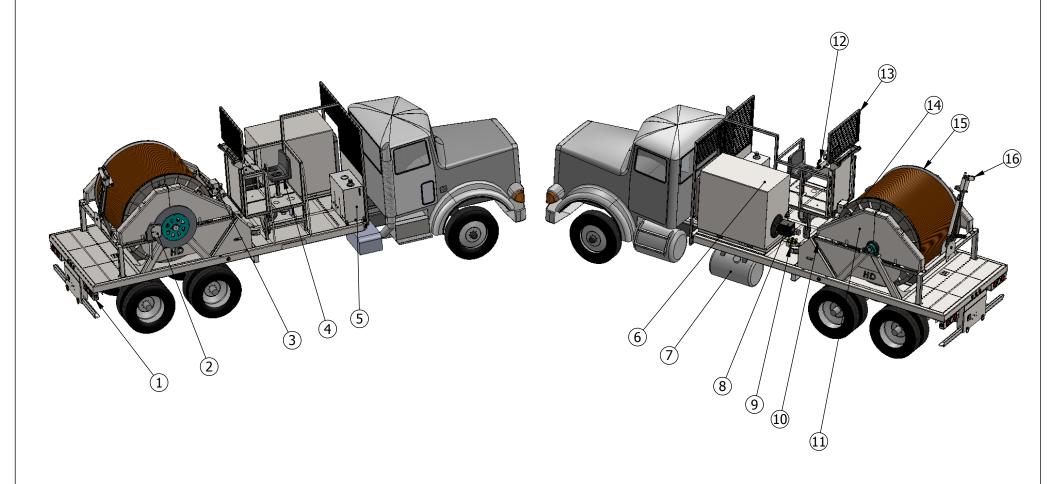
Table of Contents

Isometric View~~~~~~~~~~~~	1
Engine Assembly~~~~~~~~~~	2
Left Hand Planetary Drive ~~~~~	3
Right Hand Planetary Drive~~~~	4
Operator Controls~~~~~~~~~	5
HD Brake Cylinder~~~~~~~~	6
Sensor Box ~~~~~~~~~~~~~~	
Reel Assembly~~~~~~~~~~~	8
Levelwind Assembly ~~~~~~~	9
Levelwind Manifold~~~~~~~~	
Reel Brake	
Air Components ~~~~~~~~~	12
Hydraulic Tank Assembly~~~~~~	
Operator Seat ~~~~~~~~~~~~~~~	
Light Package~~~~~~~~~~	15
Chain Guards~~~~~~~~~~~	
Wiring Schematics ~~~~~~~~	
Hydraulic Schematics ~~~~~~~	22





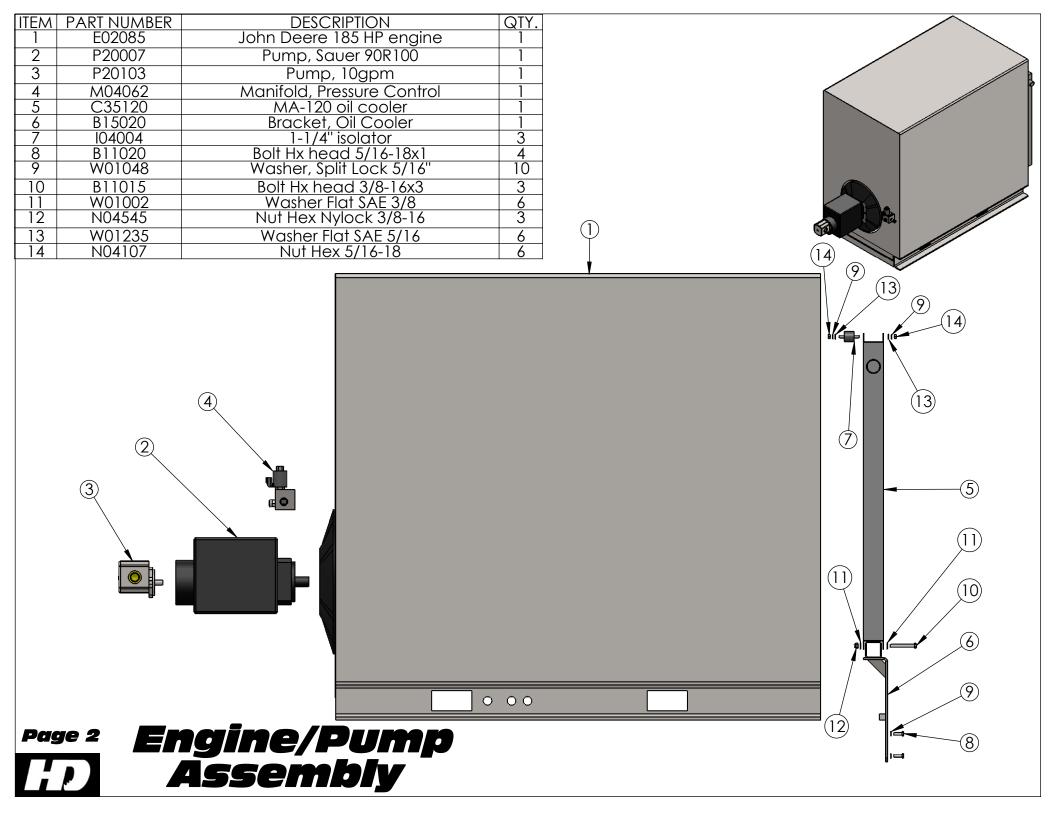




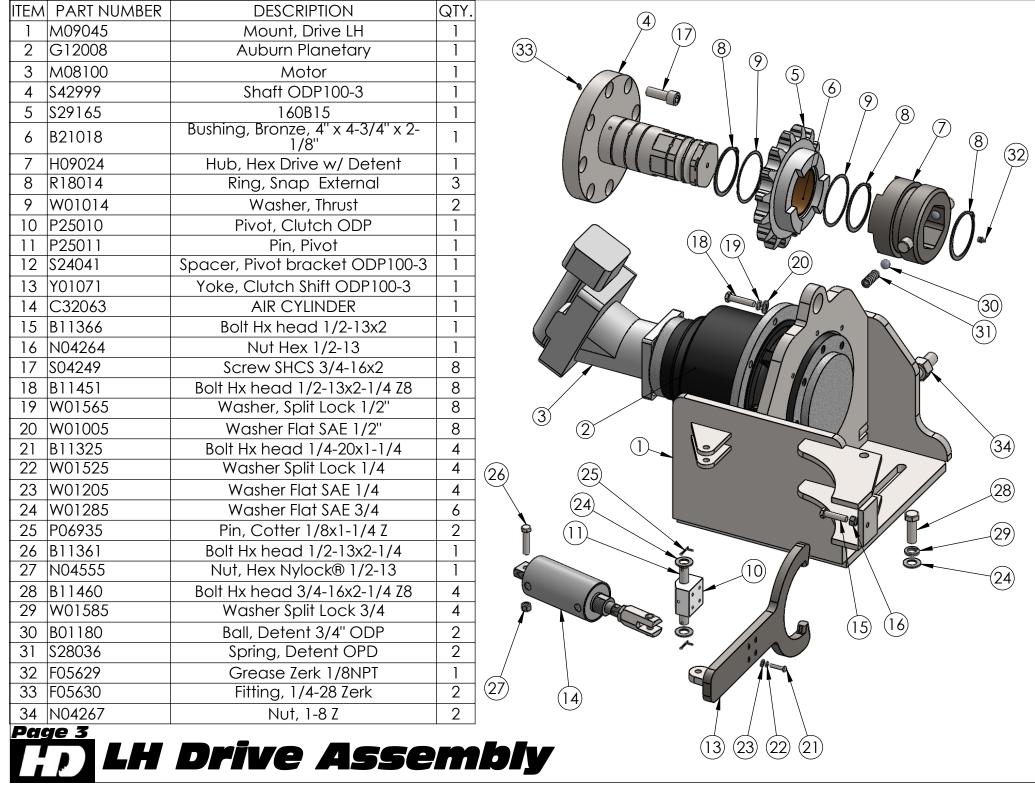
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ODP100PPST LIghts	See LED Light Package Assembly	1
2	ODP100PPST Caliper assembly	See Caliper Assembly	1
3	ODP100PPST Sensor box	See Sensor Box Assembly	1
4	ODP100PPST Seat assembly	See Seat Assembly	1
5	ODP100PPST Tank assembly	See Tank Assembly	1
6	ODP100PPST Engine assembly	See Engine Assembly	1
7	T01055	Tank, 60gal	1
8	ODP100PPST Air System	See Air System Assembly	1
9	ODP100PPST Levelwind Manifold	See Levelwind Manifold Assembly	1
10	ODP100PPST Left-hand Drive	See Drive Assembly	1
11	ODP100PPST Chain Guards	See Chain Guard Assembly	1
12	ODP100PPST Controls	See Control Assembly	1
13	ODP100PPST Screen	See Screen Assembly	1
14	ODP100PPST Right-hand Drive	See Drive Assembly	1
15	ODP100PPST Reel assy	See Reel Assembly	1
16	ODP100PPST Levelwind	See Levelwind Assembly	1

Page 1

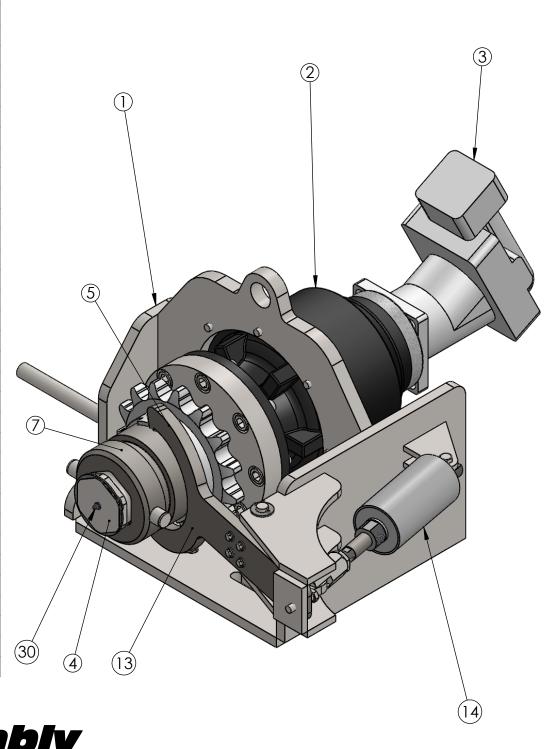
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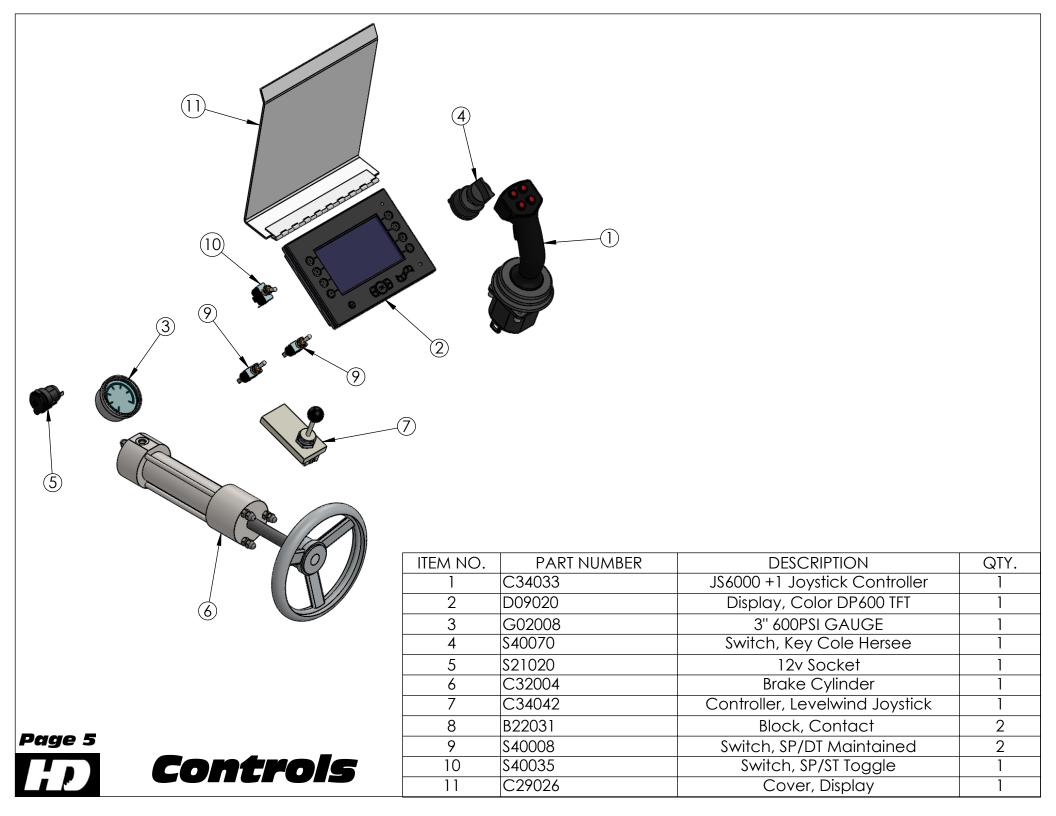
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	M09045	Mount, Drive LH	1
2	G12008	Auburn Planetary	1
3	M08100	Motor	1
4	\$42999	Shaft ODP100-3	1
5	S29165	160B15	1
6	B21018	Bushing, Bronze, 4" x 4-3/4" x 2- 1/8"	1
7	H09024	Hub, Hex Drive w/ Detent	1
8	R18014	Ring, Snap External	3
9	W01014	Washer, Thrust	2
10	P25010	Pivot, Clutch ODP	1
11	P25011	Pin, Pivot	1
12	S24041	Spacer, Pivot bracket ODP100-3	1
13	Y01071	Yoke, Clutch Shift ODP100-3	1
14	C32063	AIR CYLINDER	1
15	B11366	Bolt Hx head 1/2-13x2	1
16	N04264	Nut Hex 1/2-13	1
17	S04249	Screw SHCS 3/4-16x2	8
18	B11451	Bolt Hx head 1/2-13x2-1/4 Z8	8
19	W01565	Washer, Split Lock 1/2"	8
20	W01005	Washer Flat SAE 1/2"	8
21	B11325	Bolt Hx head 1/4-20x1-1/4	4
22	W01525	Washer Split Lock 1/4	4
23	W01205	Washer Flat SAE 1/4	4
24	W01285	Washer Flat SAE 3/4	6
25	P06935	Pin, Cotter 1/8x1-1/4 Z	2
26	B11361	Bolt Hx head 1/2-13x2-1/4	1
27	N04555	Nut, Hex Nylock® 1/2-13	1
28	B11460	Bolt Hx head 3/4-16x2-1/4 Z8	4
29	W01585	Washer Split Lock 3/4	4
30	B01180	Ball, Detent 3/4" ODP	2
31	\$28036	Spring, Detent OPD	2
32	F05629	Grease Zerk 1/8NPT	1
33	F05630	Fitting, 1/4-28 Zerk	2
34	N04267	Nut, 1-8 Z	2
Pag	ge <u>3</u>		

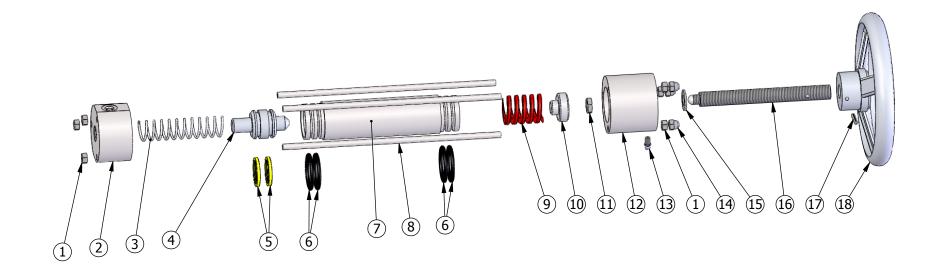


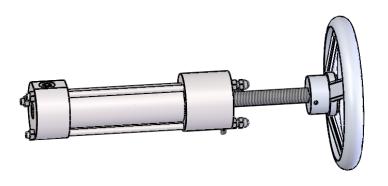
ITEM	PART NUMBER	DESCRIPTION	QTY
1	M09044	Mount, Drive RH	1
2	G12008	Auburn Planetary	1
3	M08100	Motor	1
4	S42999	Shaft ODP100-3	1
5	\$29165	160B15	1
6	B21018	Bushing, Bronze, 4" x 4-3/4" x 2-1/8"	1
7	H09024	Hub, Hex Drive w/ Detent	1
8	R18014	Ring, Snap External	3
9	W01014	Washer, Thrust	2
10	P25010	Pivot, Clutch ODP	1
11	P25011	Pin, Pivot	1
12	S24041	Spacer, Pivot bracket ODP100-3	1
13	Y01071	Yoke, Clutch Shift ODP100-3	1
14	C32063	AIR CYLINDER	1
15	B11366	Bolt Hx head 1/2-13x2	1
16	N04264	Nut Hex 1/2-13	1
17	S04249	Screw SHCS 3/4-16x2	8
18	B11451	Bolt Hx head 1/2-13x2-1/4 Z8	8
19	W01565	Washer, Split Lock 1/2"	8
20	W01005	Washer Flat SAE 1/2"	8
21	W01285	Washer Flat SAE 3/4	6
22	P06935	Pin, Cotter 1/8x1-1/4 Z	2
23	B11325	Bolt Hx head 1/4-20x1-1/4	4
24	W01525	Washer Split Lock 1/4	4
25	W01205	Washer Flat SAE 1/4	4
26	B11460	Bolt Hx head 3/4-16x2-1/4 Z8	4
27	W01585	Washer Split Lock 3/4	4
28	B11361	Bolt Hx head 1/2-13x2-1/4	1
29	N04555	Nut, Hex Nylock® 1/2-13	1
30	F05629	Grease Zerk 1/8NPT	1
31	F05630	Fitting, 1/4-28 Zerk	2
32	B01180	Ball, Detent 3/4" ODP	2
33	\$28036	Spring, Detent OPD	2



RH Drive Assembly





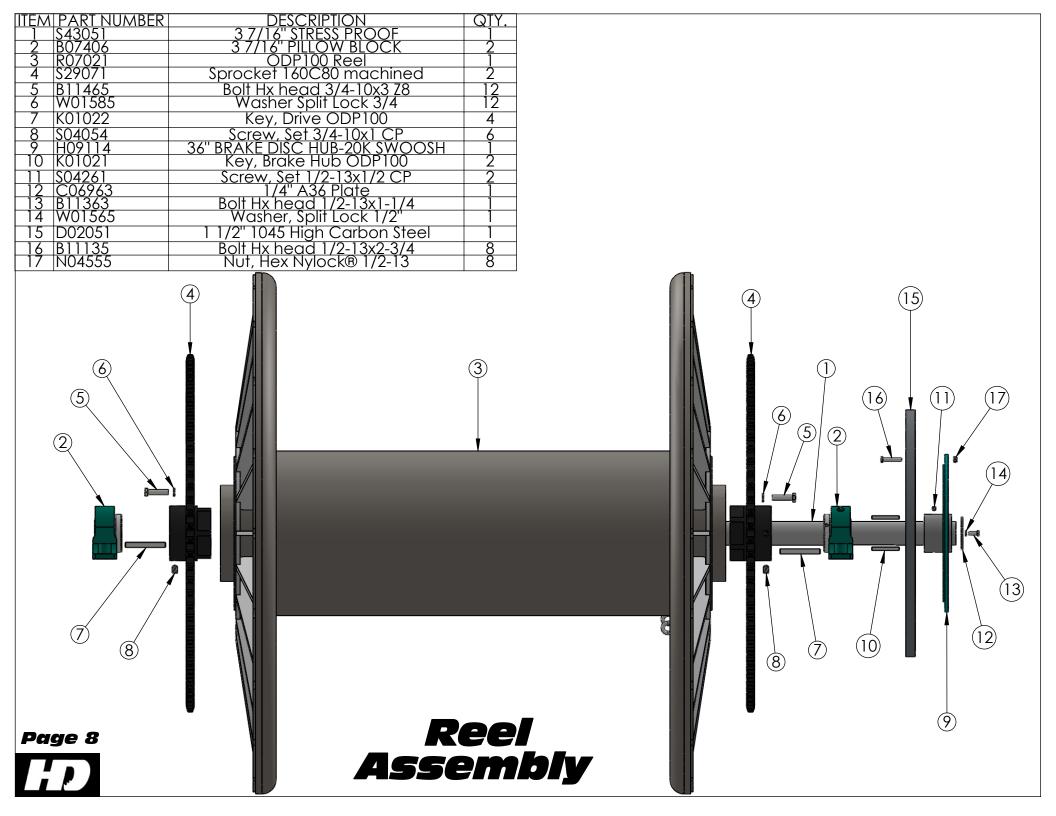


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	N04107	Nut Hex 5/16"-18	6
2	C06009	Bar round 3" 1018	1
3	S28022	Return Spring	1
4	P08017	Piston, Aluminum two groove	1
5	O01061	Seal	2
6	O01060	O-Ring	4
7	H08003	Cylinder Tube	1
8	R19007	Bar round 5/16" 1018	3
9	S28021	Spring	1
10	P08016	2" Aluminum RB	1
11	N04039	Nut Hex Jam 1/2-20	1
12	C06012	Bar round 3" 1018	1
13	F05630	Fitting, 1/4"-28 Zerk	1
14	N04103	Nut Hex 5/16"-18 Acorn	3
15	W01005	Washer, Flat SAE 1/2"	1
16	S04006-001	Bar 3/4"-8 acme thread	1
17	P06186	Pin, Roll 3/16 "x 1"	1
18	H02060	Handle, 8" Dia.	1

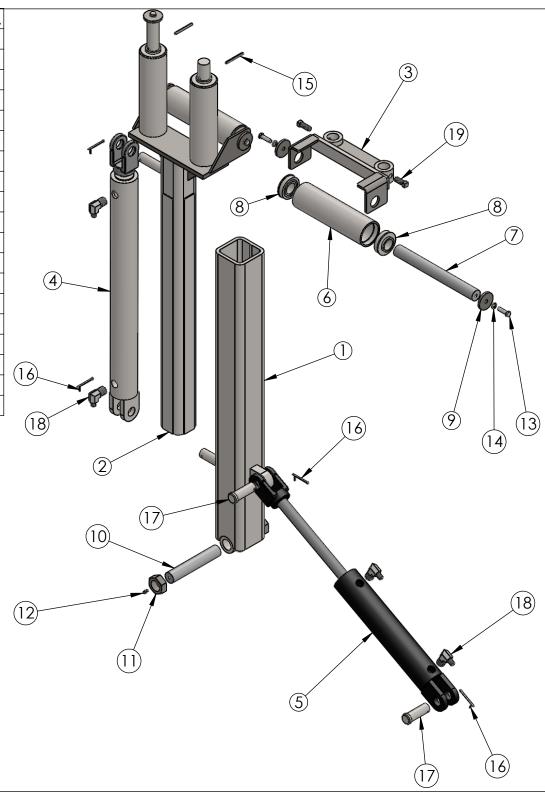
Page 6

C32004 HD Brake Cylinder

ITEM PART NUMBER	DESCRIPTION	QTY.
1 B13105	Box, Sonic Sensor	
2 S06020	Sensor, Ultrasonic	
3 K02064	Kit, Connector US Sensor	
4 C14036	Clamp, Sensor Mount	
5 C26165	Liquidtite 90	
6 B15272	Bracket, heat lamp	
7 S21021	Llght, socket 1157	
8 L04021	Light, bulb 1157	
9 B11324	Bolt Hx head 1/4-20x1	2
10 N04523	Nut, Hex Nylock® 1/4"-20	2
11 \$04620	Screw, #10-32 x 1/2	
12 W01505	Washer Split Lock #10	
13 N04203	Nut Hex 10-32	
Page 7	nsor Box	



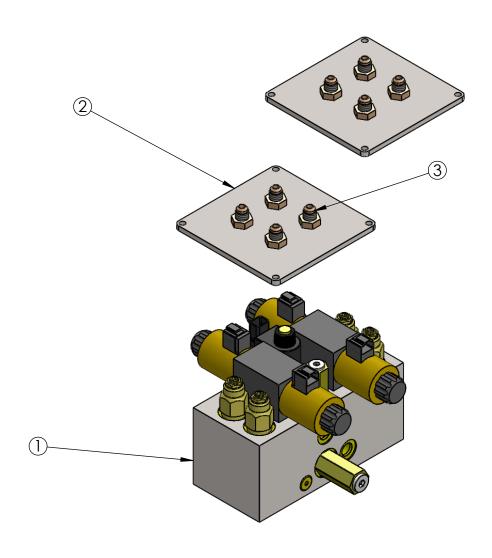
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	\$17008	Sleve, Levelwind Extending	1
2	A08094	Arm, Levelwind Extending	1
3	B15897	Bracket, Swing-away Fairlead	1
4	C32072	Cylinder, Levelwind Extend	1
5	C32020	Cylinder, Levelwind	1
6	R20044	Roller, Painted Steel	4
7	S43129	Shaft, Roller	2
8	B07110	Bearing, Roller	8
9	C06041	Cap, End	5
10	P06156	Pin, Levelwind Pivot	1
11	N04097	Nut Hex Jam 1-1/4-12	2
12	F05630	Fitting, 1/4-28 Zerk	1
13	B11343	Bolt Hx head 3/8-16x1-1/4	5
14	W01545	Washer, Split Lock 3/8"	5
15	P06193	Pin, Roll 1/4 x 2-1/2	2
16	P06948	Pin, Cotter 3/16x2 Z	4
17	P06073	Pin, 1x2-3/4	2
18	F05360	Fitting, 6-8 90° NPT	4
19	S04157	Screw, Set Sq Head 1/2 x 1-1/4	2





Levelwind Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	M04065	Manifold, Boom Level wind	1
2	B15051	Bracket, Bulkhead	2
3	F05170	Fitting, -6 JIC bulkhead	8



Page 10

Levelwind Manifold

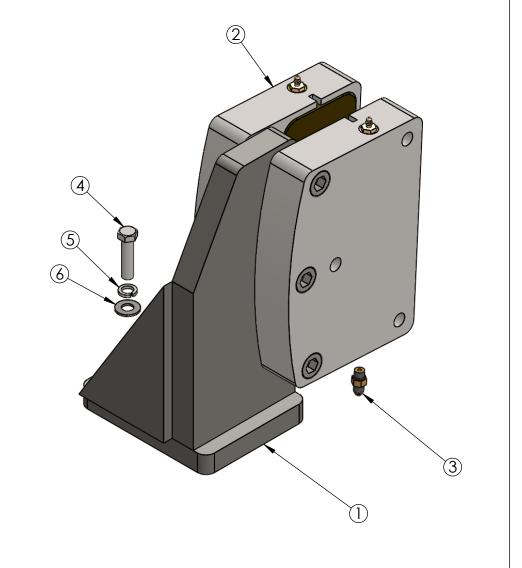
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	C04040	Caliper Half, Countersink	1
2	C04039	Caliper Half, Threaded	1
3	P08004	3-3/8" Piston	4
	O01225	Seal Source TS-340	4
5	B18005	Bleader, -4 o-ring	2
6	P01011	10" HD brake pad	2
7	S04251	3/4-16 x 4-1/2 SHCS	3

2	(5)
	6

Page	11

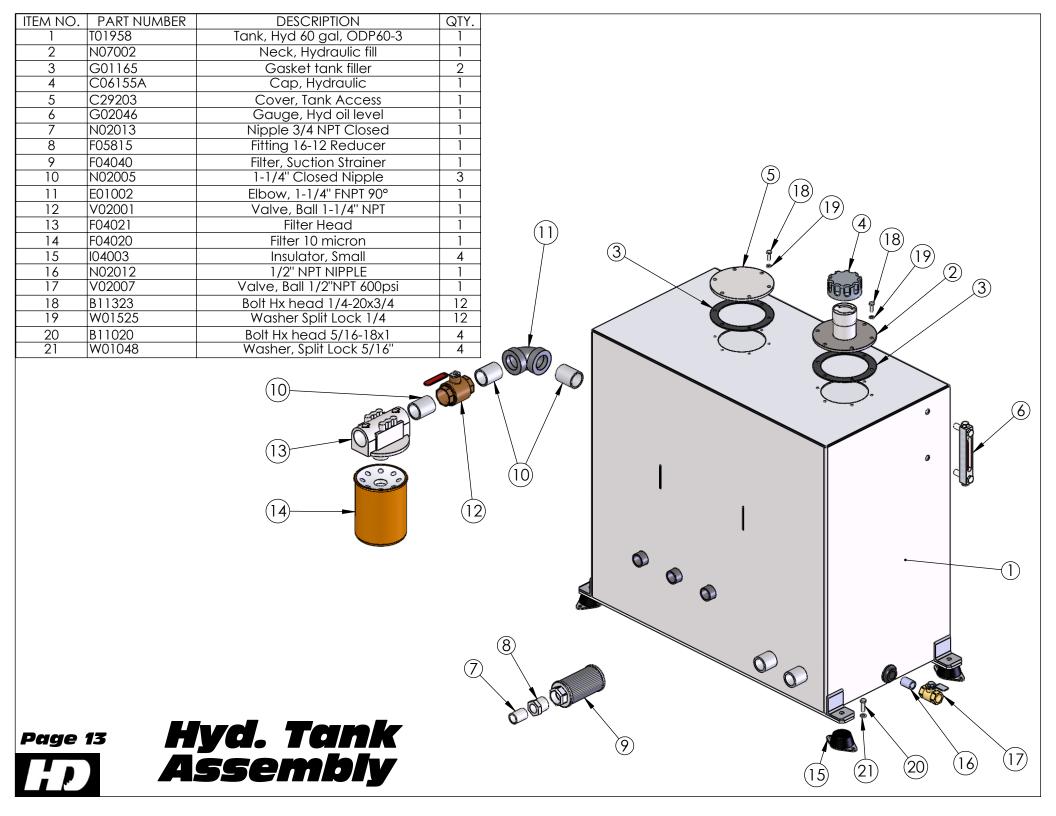
Brake Assembly

ITEN	A PART NUMBER		QTY.
1	B15941	Bracket, Caliper Mount ODP100PPST	1
2	C04032A	10" HD Brake Caliper w/o spacer	1
3	F05042	Fitting, 4-4 Str SAE	2
4	B11366	Bolt Hx head 1/2-13x2	4
5	W01565	Washer, Split Lock 1/2"	4
6	W01005	Washer Flat SAE 1/2"	4

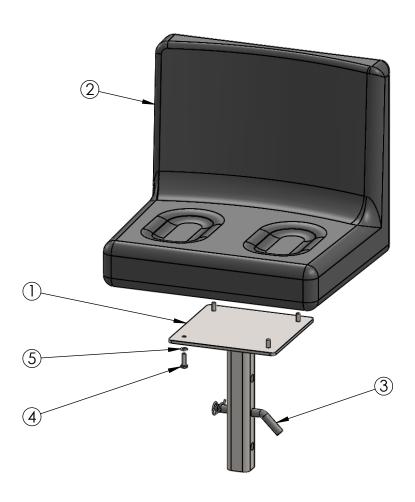


ITEM NO.	PART NUMBER		QTY.	
1	T01041	Tank, Air large	1	
2	D32064	Dryer, Air 12v	1	(5)
	F04064	Filter 1/4" NPT 5oz	1	
4	B15012	Bracket, Air Filter	1	
		Bracket, Desiccant drye	r 1	
6	D32063	Dryer - Desiccant	1	
7	M04066	Manifold, Air controls	1	
8	G18000	Governor, D2 Style	1	
		8		

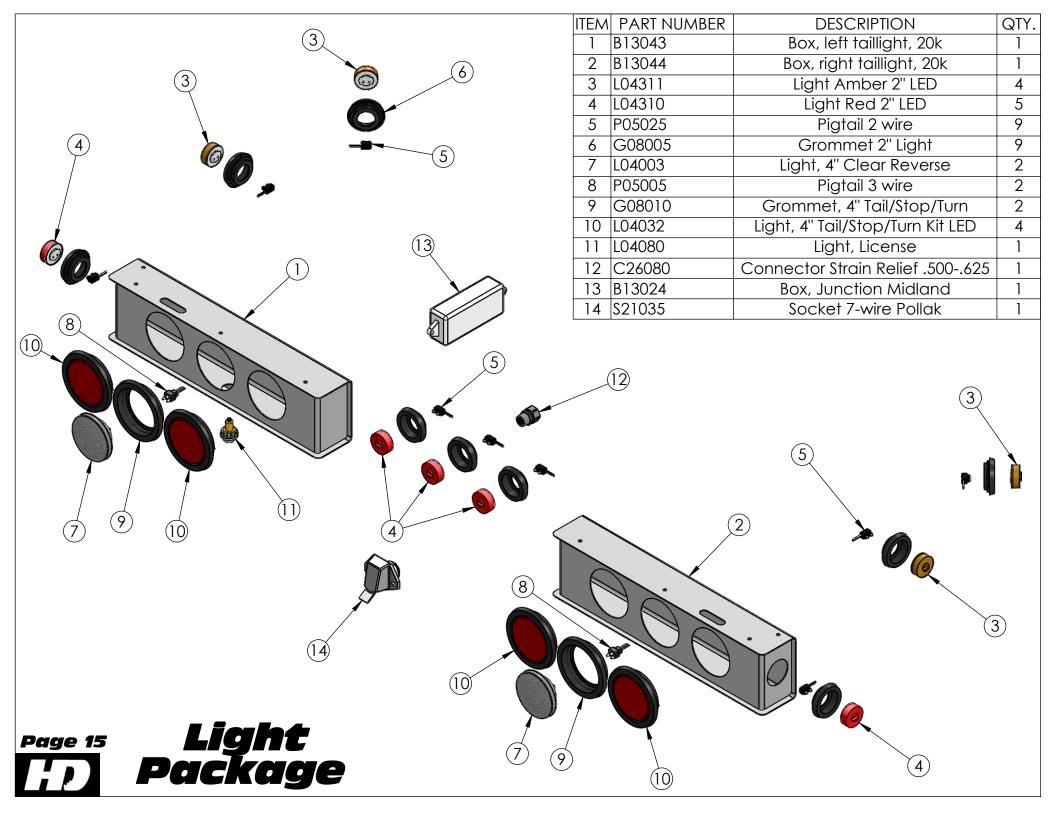
Page 12 Air Components



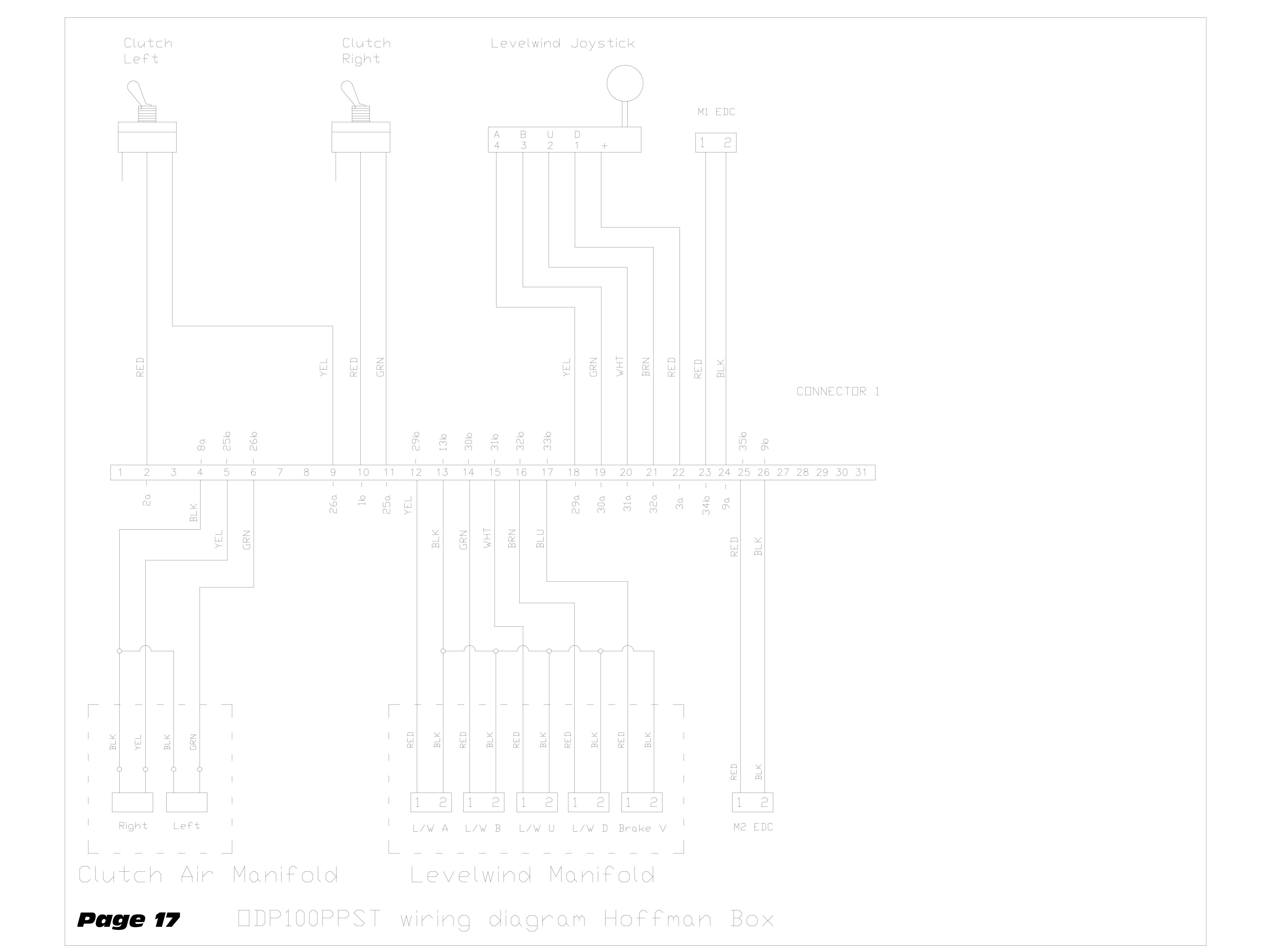
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	P14051	Post, Seat Mount	1
2	S03040	Seat, Operator JD	1
3	P06965	Pin, 5/8" X 3-1/4"	1
	B11020	Bolt Hx head 5/16-18x1	4
5	W01048	Washer, Split Lock 5/16"	4

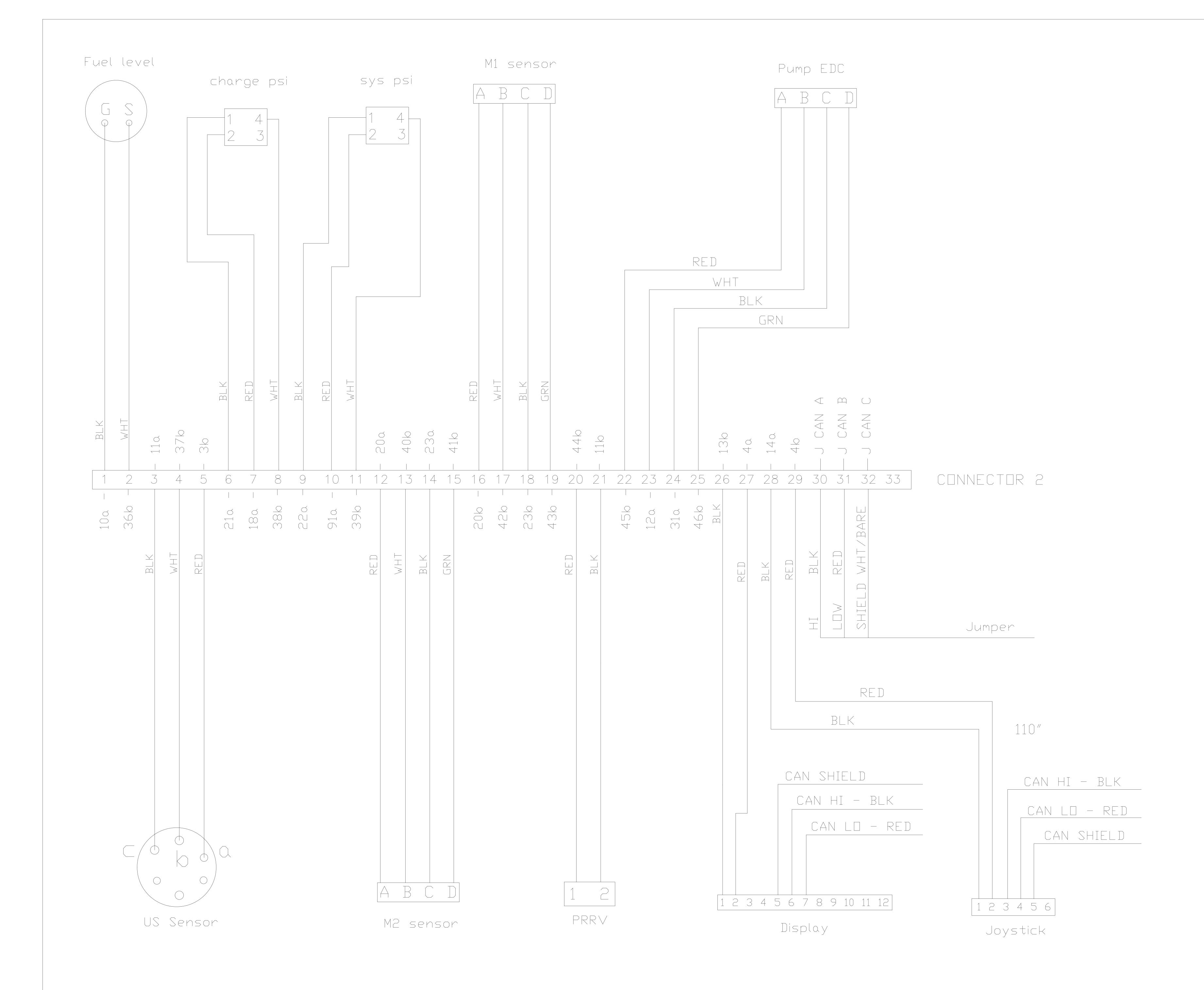




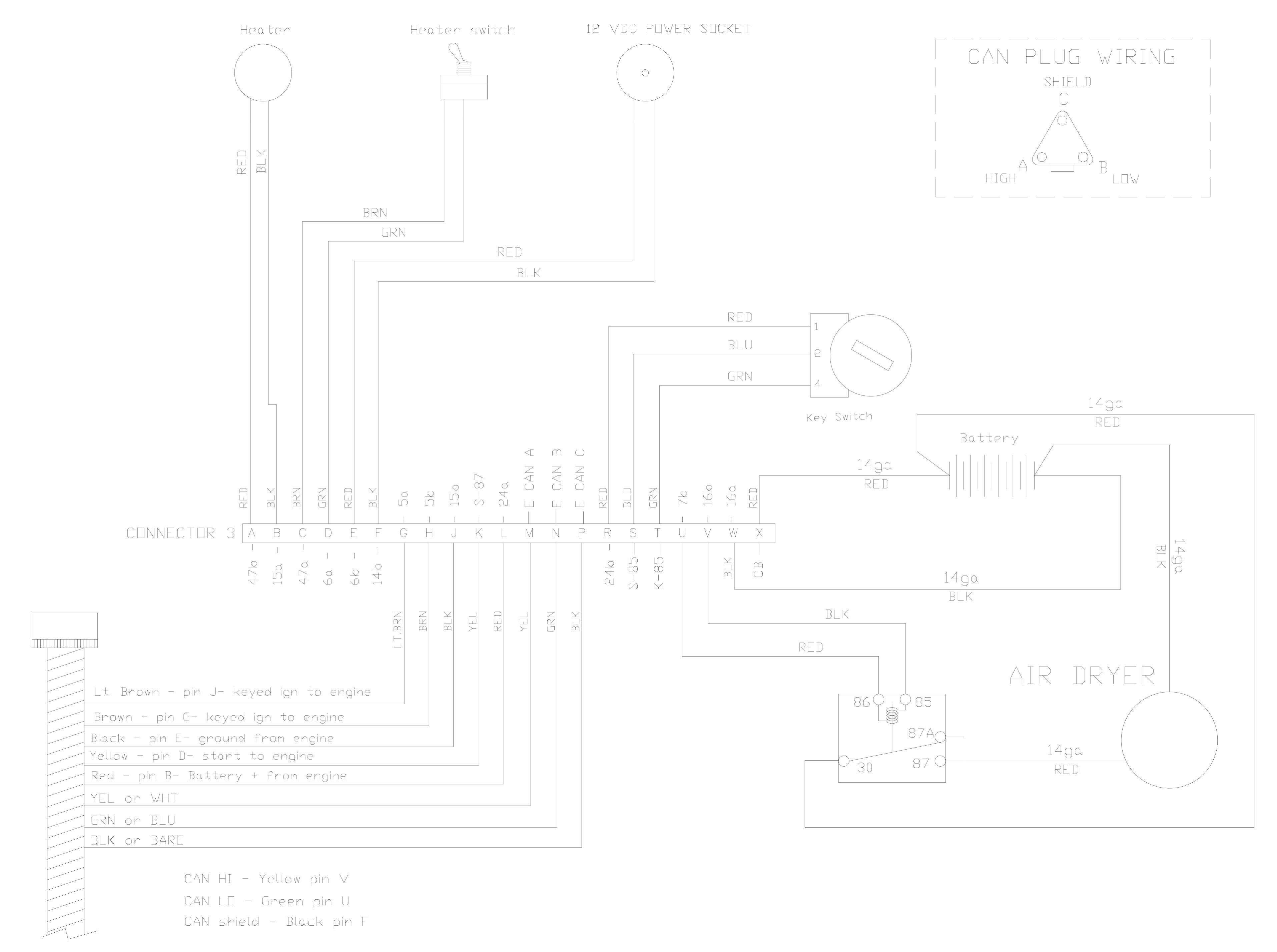


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	G09072	Guard, Chain LH Upper Rear	1
2	G09073	Guard, Chain LH Upper Rear	
3	G09076	Guard, Chain LH Lower Rear	
4	G09077	Guard, Chain LH Lower Front	
5	G09074	Guard, Chain RH Lower Rear	1
6	G09075	Guard, Chain RH Lower Front	1
7	G09070	Guard, Chain RH Upper Rear	1
8	G09071	Guard, Chain RH Upper Rear	7)
Page 16		ain Guards	





Page 18 DP100PPST wiring diagram Hoffman Box



DDP100PPST TERMINALS page 1

Carro	C1P2 ————————————————————————————————————	RED RED RED	RED RED RED RED RED RED RED	C1P10 ———————————————————————————————————	
Cap Cap			RED RED		
Cappa		BLK BLK	BLK BLK BLK BLK	——————————————————————————————————————	
Cap Cap	C2P23———————————————————————————————————	WHT—BLK—	BLK BLK	P	1
Capta	3 P - B -	BLK	BLK		
SALG		RED RED		——————————————————————————————————————	
CIPT	C2P9————————————————————————————————————	BLK—BLK—			
CIPTO		GRN			
C1P21		GRN			
P39	C1P21 ———————————————————————————————————	BRN	BRN BLU	——————————————————————————————————————	<u></u>
P16 - WHI	P39 — — — — — — — — — — — — — — — — — — —	WHT		——————————————————————————————————————	
P23	P15 P16 P24 D10	WHT		——————————————————————————————————————)) -
P43 — — — — — — — — — — — — — — — — — — —		WHT WHT YEL		——————————————————————————————————————	7
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